

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

CLAIMS

1. (Currently Amended) A wind power plant having a rotor which is rotatably supported with respect to a rotor axis by means of a bearing arrangement and has a rotor blade fixed to a rotor hub and extending therefrom radially outwardly, with respect to the rotor axis, characterized in that said bearing arrangement comprises a first bearing ring being fixed to a support arrangement in a torque-proof manner and disposed coaxially with respect to said rotor axis, and a second bearing ring being rotatably, with respect to said rotor axis, supported on said first bearing ring and fixed to said rotor hub,

further comprising a torque transmission arrangement extending radially inwardly with respect to the rotor axis from the second bearing ring, and

wherein the torque transmission arrangement has at least one passage opening allowing access to the interior of the rotor hub.

2. (Currently Amended) The wind power plant according to claim 1, ~~characterized in that~~ wherein the rotor is coupled to the input of a gear arrangement which can be coupled to a generator at its output end.

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) The wind power plant according to claim ~~[[4]] 1, characterized in that~~ wherein the torque transmission arrangement comprises a spoke wheel fixed to said second bearing ring, said spoke wheel having two, three or more passage openings.

6. (Currently Amended) The wind power plant according to claim 1, ~~characterized in that~~ wherein the first bearing ring is the outer ring or inner ring of a roller bearing, the inner ring or outer ring of said roller bearing being formed by said second bearing ring, respectively.

7. (Currently Amended) The wind power plant according to claim 1, ~~characterized in that~~ wherein said support arrangement is formed as a sandwich structure having an inner support layer and an outer support layer, said inner and outer layers being defined with respect to said rotor axis, and a filling layer disposed between said support layers.

8. (Currently Amended) The wind power plant according to claim 7, ~~characterized in that~~ wherein at least one of said support layers comprises a tubular construction.

9. (Currently Amended) The wind power plant according to claim 7, ~~characterized in that~~ wherein the filling layer comprises at least one spacer, a honeycomb structure, polyurethane foam, metallic foam and/or a balsa core.

10. (Currently Amended) The wind power plant according to claim 1, ~~characterized in that~~

wherein the first bearing ring is fixed to the support arrangement via a bending resistant front flange.

11. (Currently Amended) The wind power plant according to claim 1, ~~characterized in that~~ wherein at least one rotor blade is fixed to the rotor hub in a manner so that it can be rotated about its longitudinal axis.

12. (Currently Amended) The wind power plant according to claim 1, ~~characterized by~~ wherein a covering element ~~which~~ at least partially surrounds the rotor hub.

13. (Previously Presented) The wind power plant according to claim 1, having a first bearing ring being fixed to a support arrangement in a torque-proof manner and a second bearing ring being rotatably supported on said first bearing ring and fixed to a rotor hub supporting at least one rotor blade.

14. (Currently Amended) A wind power plant having a rotor which is rotatably supported with respect to a rotor axis by means of a bearing arrangement and a rotor blade fixed to a rotor hub and extending therefrom radially outwardly, with respect to the rotor axis, characterized in that said bearing arrangement comprises a first bearing ring being fixed to a support arrangement in a torque-proof manner and disposed coaxially with respect to said rotor axis, and a second bearing ring being rotatably, with respect to said rotor axis, supported on said first bearing ring and fixed to said rotor hub, said wind power plant comprising:

a torque transmission arrangement extending radially inwardly with respect to the rotor axis from the second bearing ring, said torque transmission arrangement comprising at least one passage opening allowing access to an interior of said rotor hub; and

wherein, due to this bearing arrangement, the weight of the rotor hub as well as operational shearing and tilting moments are substantially absorbed by the first bearing ring, whereas torque is transmitted via said second bearing ring and said torque transmission arrangement.

15. (Cancelled)

16. (Previously Presented) The wind power plant according to claim 14, wherein said torque transmission arrangement comprises a spoke wheel fixed to said second bearing ring, said spoke wheel having one or more passage openings.

17. (Currently Amended) A wind power plant having a rotor rotatably supported with respect to a rotor axis by means of a bearing arrangement and a rotor blade fixed to a rotor hub and extending therefrom radially outwardly, with respect to the rotor axis, said wind power plant comprising:

a bearing arrangement comprising a first bearing ring fixed to a support arrangement in a torque-proof manner and disposed coaxially with respect to said rotor axis, and a second bearing ring rotatably supported on said first bearing ring and fixed to said rotor hub;

a torque transmission arrangement extending radially inwardly
with respect to the rotor axis from the second bearing ring;

wherein said torque transmission arrangement comprises at least
one passage opening allowing access to an interior of said rotor hub; and

wherein, said first bearing ring is configured to substantially rotate
against said second bearing ring.

18. (Cancelled)

19. (Cancelled)

20. (Currently Amended) The wind power plant according to claim ~~48~~ 17, wherein said
torque transmission arrangement comprises a spoke wheel fixed to said second bearing ring, said
spoke wheel having one or more passage openings.